



ARTECH

PORTABLE OXYGEN INDICATOR (INTERNAL SENSOR) MODEL OIP-03I

This portable indicator is a convenient and handy instrument for field applications where a quick, easy and accurate measurement of oxygen is required. The sensor being located within the instrument requires the gas sample to be delivered to the inlet port. This instrument is ideal where the sample is available at a slight positive pressure. Alternately, a sampling pump can be provided.

APPLICATIONS :

Common applications including checking of

- o Oxygen purity
- o Oxygen adequacy before man entry
- o Oxygen level where investigation is required for safety.



SPECIFICATIONS :

Range	:	0-100%
Resolution	:	0.1%
Indication	:	3 1/2 digit LCD display
Low battery Indication	:	'BAT' on the display
Accuracy	:	$\pm 1\%$ O ₂ at constant temperature and pressure
Response time of the Instrument	:	95% in 20 seconds
Open sensor indication	:	Display will read 1
Sensor element	:	Electrochemical cell
Life of cell (expected)	:	1 year
Gas sample temperature	:	0°C to 40°C
Power Supply	:	1 No. 9V battery
Dimensions	:	200(L) x 70(W) x 30(H) mm

ARTECH products include Multipoint Temperature Scanners, Controllers, Sensors, Calibrators, Molten Metal Temperature Measuring System etc. and a full range of Relative Humidity (RH) instruments.

ARTECH INSTRUMENTS & CONTROLS PVT. LTD.

(successors to ARTECH LABS estd. 1973)

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